

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001451**Date Inspected:** 25-Dec-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Bill Oak**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:****Bridge No:** 34-0006**Component:** OBG Components**Bid Item:****Lot No:** B 278**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance Inspector (QA) S. Manjunath. Math was present during the times noted above for observations relative to the work being performed.

Inspection for Surface Preparation and/or Coating Application.

OBG Internal Entire Floor Inspection Request No. 2338

A joint two party inspection was performed by ABF QA's and Caltrans QA for the at Lift 1 East from Panel Point (PP) 10 to PP 12 at ZPMC (Shanghai Zhenhua Port Machinery Co., Ltd.,) Ship # 17 for Final Acceptance Inspection prior to transport from ZPMC.

Inspection Conclusions: Rejected by ABF QA's as Lift 1 East from PP 10 to PP 12 painting activities were not completed when offered for Inspection, still inspections were carried out and marked out locations for painting discrepancies and Caltrans QA concurred with the ABF QA's Inspection.

OBG Internal Entire Floor Inspection Request No. 2339

A joint two party inspection was performed by ABF QA's and Caltrans QA for the Lift 1 West at ZPMC (Shanghai Zhenhua Port Machinery Co., Ltd.,) Ship # 17 for Final Acceptance Inspection prior to transport from ZPMC.

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Inspection Conclusions: Rejected by ABF QA's as few areas marked for painting rectification and Caltrans QA concurred with the ABF QA's Inspection.

Splice Inspection Request No. 2341

A joint two party inspection was performed by ABF QA's and Caltrans QA for the following Splices.

X83T

X83V

Inspection Conclusions: Accepted by ABF QA's and Caltrans QA concurred with the ABF QA's Inspection.

OBG Cross Beam Terminal Inspection Request No. 2343

A joint two party inspection was performed by ABF QA's and Caltrans QA for the OBG Cross Beam Terminal rust back areas re-blasting for Segment 7BW for Surface preparation prior to Primer Coat application.

Inspection Conclusions: Accepted by ABF QA's and Caltrans QA concurred with the ABF QA's Inspection.

OBG Internal Entire Floor Inspection Request No. 2344

A joint two party inspection was performed by ABF QA's and Caltrans QA for the OBG Internal Entire Floor from Panel Point (PP) 10 to PP 12 for Lift 1 East at Ship No. 17 for Final acceptance inspection prior to transport from ZPMC.

Inspection Conclusions: Accepted by ABF QA's and Caltrans QA concurred with the ABF QA's Inspection.

OBG Internal Entire Floor Inspection Request No. 2345

A joint two party inspection was performed by ABF QA's and Caltrans QA for the OBG Internal entire floor from Panel Point (PP) 9.0 to PP 10 and OBG internal entire floor from the weld seam to PP 12 and PP 11 for Lift 1 West at Ship No. 17 for Final acceptance inspection prior to transport from ZPMC.

Inspection Conclusions:

OBG Internal Entire Floor Inspection Request No. 2346

A joint two party inspection was performed by ABF QA's and Caltrans QA for the Brackets after Galvanizing.

Inspection Conclusions: Accepted by ABF QA's and recommended few areas to touch up with Inter zinc 52 and Caltrans QA concurred with the ABF QA's Inspection.

OBG Internal Entire Floor Inspection Request No. 2347

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A joint two party inspection was performed by ABF QA's and Caltrans QA for the Shim Plates, Channels and Splice for Degreasing and Cleaning.

Inspection Conclusions: Accepted by ABF QA's and Caltrans QA concurred with the ABF QA's Inspection.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

### Summary of Conversations:

No relevant conversation

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Math,Manjunath	Quality Assurance Inspector
<b>Reviewed By:</b>	Miller,Mark	QA Reviewer

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